

Top Ten Highest Historical Crests: North Branch Susquehanna River at Windsor

Latitude: 42.074

Period of Record: 1993-Present

Longitude: -75.38

Flood Stage: 17

Last Flood: 9/8/2011

Total Number of Floods: 10

Date of Flood	Crest (ft)	Streamflow (cfs)	Wx Comments
6/29/2006	24.27	55,900	A stationary front and thunderstorms brought widespread, but locally heavy rainfall to the area. Total precipitation amounts ranged from 4-6 inches over the Lower Delaware to 9-11 inches over the headwaters of the James.
9/8/2011	24.21	55,400	The remnants of tropical storm (TS) Lee moved up the Appalachian Mountains and interacted with a quasi-stationary east-west frontal boundary. 10 to 15 inches fell at numerous locations in Central PA and NY.
1/20/1996	21.22	40,000	Southerly winds, high dewpoints and intense rainfall caused a rapid snowmelt. The resultant flooding was the worst to hit the entire MARFC area since 1972.
4/1/1993	19.45	37,200	A low pressure system brought heavy rain and warmer temperatures in the region. The warmer temperatures caused the snow from the Storm of the Century to melt overnight.
4/4/2005	19.09	35,200	A Maddox Synoptic Type system produced 1-2.5 inches of rainfall over the North Branch Susquehanna and Lower Potomac, and 2-4 inches of rain over New Jersey and Pennsylvania.
1/10/1998	18.60	34,600	Two troughs combined into one stronger trough and produced 2-3 inches of rain in Maryland, 3-5 inches of rain in New York, 2 inches of rain in Pennsylvania and 6-7 inches of rain in Virginia.
3/7/2011	18.44	-9,999	Two successive rainstorms produce 1 to 4 inches followed by 1 to 5 inches. Some spots in NJ picked up over 8 inches.
2/28/2000	18.05	32,900	A stalled cold front produced 0.75 -1 inch of rainfall throughout the region.
3/16/2007	17.47	24,000	Snowmelt combined with 1.5 - 2.5 inches of rain to cause flooding.

Drainage Area: 1820 sq mi

Gage Datum: 900 ft MSL

North Branch Susquehanna Basin

County of Gage: Broome

County of Forecast Point: Broome

Date of Flood	Crest (ft)	Streamflow (cfs)	Wx Comments
3/23/2003	17.09	30,000	A low pressure system and an occluded frontal boundary produced rainfall totals of 1 - 2 inches.

Drainage Area: 1820 sq mi
Gage Datum: 900 ft MSL

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North Branch Susquehanna Basin

County of Gage: Broome
County of Forecast Point: Broome